

Title (en)

ROOF PANEL MODULE FOR A MOTOR VEHICLE

Title (de)

DACHPANEELMODUL FÜR EIN KRAFTFAHRZEUG

Title (fr)

MODULE DE PANNEAU DE TOIT POUR VÉHICULE AUTOMOBILE

Publication

EP 3390160 A1 20181024 (FR)

Application

EP 16825465 A 20161209

Priority

- IN 6734CH2015 A 20151216
- FR 1650655 A 20160127
- FR 2016053299 W 20161209

Abstract (en)

[origin: WO2017103388A1] The invention relates to a motor vehicle comprising a roof panel module (4) located at the top of the body (1) of the vehicle, the top of the body of the vehicle (1) including an outer side panel (2) and an inner side panel (3), the bottom portions of the inner and outer side panels (2, 3) being connected and forming a recess (19), the roof panel module (4) including an outer top panel (7), a support member (9) and a roof liner (8), the liner (8) including a central portion (8a) and a peripheral portion (8b) having a free end (13) which oriented downward. Furthermore, the two portions (8a, 8b) are connected to one another by a flexible hinge (10), the peripheral portion (8b), the central portion (8a) and the hinge (10) are integrally formed, and the free end (13) of the peripheral portion of the liner (8b) is oriented downward and secured in the recess (19).

IPC 8 full level

B60R 13/02 (2006.01)

CPC (source: EP KR)

B32B 5/18 (2013.01 - KR); **B32B 27/065** (2013.01 - KR); **B32B 27/32** (2013.01 - KR); **B60R 13/0218** (2013.01 - EP KR); **B60R 13/0225** (2013.01 - EP KR); **C08L 23/12** (2013.01 - KR); **C08L 75/04** (2013.01 - KR); **B32B 2266/0278** (2013.01 - KR)

Citation (search report)

See references of WO 2017103388A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

WO 2017103388 A1 20170622; CN 108349442 A 20180731; CN 108349442 B 20211126; EP 3390160 A1 20181024; EP 3390160 B1 20210602; JP 2018537333 A 20181220; JP 6964073 B2 20211110; KR 102503755 B1 20230224; KR 20180095010 A 20180824

DOCDB simple family (application)

FR 2016053299 W 20161209; CN 201680065755 A 20161209; EP 16825465 A 20161209; JP 2018521838 A 20161209; KR 20187020246 A 20161209